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JANUARY 04, 2002

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CHICAGO, IL 60606-6630



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/09/2001

REEL/FRAME: 012276/0357
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
JAMMES, FRANCOIS

DOC DATE: 09/20/2000

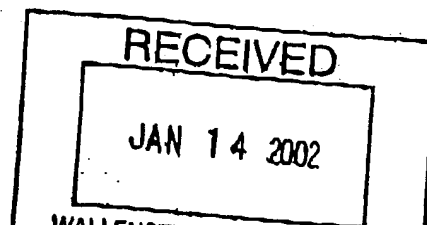
ASSIGNEE:
SCHNEIDER AUTOMATION, INC.
1. HIGH STREET
ANDOVER, MASSACHUSETTS 01810-3527

SERIAL NUMBER: 09623689
PATENT NUMBER:

FILING DATE: 09/06/2000
ISSUE DATE:

ANTHONY ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

TO DOCKETING



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Attorney File No. 401 P 249 (SAA-9)

PATENT

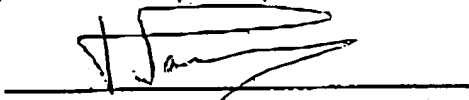
ASSIGNMENT

Serial No. 09/623,689

Filing Date Sept. 6, 2000

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the entire right, title and interest in the invention or improvements of the undersigned in a **COMMUNICATION SYSTEM FOR A CONTROL SYSTEM ETHERNET AND IP NETWORKS** and in the application for Letters Patent of the United States therefor, executed by the undersigned, and in any Reissue or extension of any Letters Patent that may be granted upon said application and in any foreign Letters Patent derived therefrom, are hereby assigned by the undersigned to SCHNEIDER AUTOMATION, INC., a Delaware corporation, and the successors, legal representatives and assigns of SCHNEIDER AUTOMATION, INC. (hereinafter collectively called said "Assignee"), and the Commissioner of Patents is hereby authorized and requested by the undersigned to issue said Letters Patent to said Assignee.

For said considerations, it is also hereby agreed by the undersigned, upon the request of said Assignee, to execute any necessary and proper oaths or affidavits relating to said application or required for the filing or prosecution of any Divisional, Continuation or Continuation-In-Part application therefor or for the filing and prosecution of any application for the reissue or extension of any Letters Patent that may be granted on said invention or improvements that said Assignee may deem necessary or expedient, and for said consideration, it is further agreed by the undersigned, upon the request of said Assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any Reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of the ability of the undersigned with said Assignee in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and further to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this Assignment and sale had not been made, and for said considerations, the entire right, title and interest in said invention or improvements, including all priority rights, and the right to claim priority rights and the privileges and benefits thereof, including those under the International Convention, and all other Conventions, and the right to file applications for patent in said Assignee's own name for said invention or improvements in each and every country of the world are hereby assigned and granted by the undersigned to said Assignee, it is further agreed by the undersigned, upon the request of said Assignee, to execute any and all documents that shall be required of the undersigned to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to vest title in said foreign applications and patents in said Assignee, the attorneys of record in said application for patent are hereby authorized and requested by the undersigned to insert in this Assignment the date and serial number thereof in the places provided therefor.



WITNESS:

On _____, 2000, Francois JAMMES appeared before me and acknowledged that he freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.

105385



UNITED STATES
PATENT AND
TRADEMARK OFFICE

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SAA-57

JANUARY 09, 2002

PTAS

Chief Financial Officer and Chief Administrative Officer
Washington, DC 20231
www.uspto.gov

SQUARE D COMPANY
EXECUTIVE PLAZA
1415 S. ROSELLE RD.
PALATINE, IL 60067



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RECORDATION DATE: 10/19/2001

REEL/FRAME: 012285/0320
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WHITE, III, WILLIAM H.

DOC DATE: 09/19/2001

ASSIGNOR:

WESTER, KENNETH L.

DOC DATE: 07/24/2001

ASSIGNOR:

DIRCKS, RANDY

DOC DATE: 07/23/2001

ASSIGNOR:

WEBSTER, STEVE

DOC DATE: 07/23/2001

ASSIGNEE:

SCHNEIDER AUTOMATION, INC. C/O
SQUARE D COMPANY
1415 S. ROSELLE ROAD
EXECUTIVE PLAZA
PALATINE, ILLINOIS 60067

SERIAL NUMBER: 09888158
PATENT NUMBER:

FILING DATE: 06/25/2001
ISSUE DATE:

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012285/0320 PAGE 2

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

SAA-57

Whereas, I(We), William White, Randy Dircks, Ken Wester, Steve Webster of Schneider Automation Inc., hereafter referred to as applicants, have invented certain new and useful improvements in A METHOD, SYSTEM AND PROGRAM FOR THE TRANSMISSION OF MODBUS MESSAGES BETWEEN NETWORKS, Attorney Docket No. SAA-57.

☒ for which an application for a United States Patent was filed on June 22, 2001

Application Number on 09/888,158

☐ for which an application for a United States Patent was executed on , and

Whereas, Schneider Automation Inc. herein referred to "assignee" whose post office address is One High Street, North Andover, Massachusetts 01845 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I(We), the applicant, by these present do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I(We) hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 19 day of July, September, 2001.

at Schneider Automation, North Andover, Mass 01845

William White

William H. White, Jr.
 (Signature)

State of Massachusetts) SS.

County of Essex)

Before me personally appeared said WILLIAM A. WHITE III

And acknowledged the foregoing instrument to be his free act and deed this 19

Day of SEPTEMBER, 2000.

My Commission Expires

Richard A. Baker, Jr.
 Notary Public
 My Commission Expires
 April 12, 2007

[Signature]
 (Notary Public)

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Ken Wester

Kenneth L. Wester
(Signature)

State of Massachusetts) SS.

County of Essex)

Before me personally appeared said Kenneth L. Wester

And acknowledged the foregoing instrument to be his free act and deed this 24th

Day of July, 2000.

My Commission Expires _____

Richard A. Baker, Jr.
Notary Public
My Commission Expires
April 12, 2007

[Signature]
(Notary Public)

Randy Dircks

Randy Dircks
(Signature)

State of Massachusetts) SS.

County of Essex)

Before me personally appeared said Randy Dircks

And acknowledged the foregoing instrument to be his free act and deed this 23rd

Day of July, 2000.

My Commission Expires _____

Richard A. Baker, Jr.
Notary Public
My Commission Expires
April 12, 2007

[Signature]
(Notary Public)

Steve Webster

Steve Webster
(Signature)

State of Massachusetts) SS.

County of Essex)

Before me personally appeared said Steve Webster

And acknowledged the foregoing instrument to be his free act and deed this 23rd

Day of July, 2000.

My Commission Expires _____

Richard A. Baker, Jr.
Notary Public
My Commission Expires
April 12, 2007

[Signature]
(Notary Public)